Application No.: 10/586,160

Office Action Dated: December 10, 2009

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-21. (Cancelled)

22. (Previously Presented) An apparatus comprising first and second components

having respective first and second mechanical coupling elements that cooperate to allow

relative movement of the first and second components, the first mechanical coupling element

comprising a recess formed therein and the second mechanical coupling element comprising

a projection adapted to be movably fitted in the recess,

wherein the first mechanical coupling element comprises a first conductive plate

positioned in the recess and the second mechanical coupling element comprises a second

conductive plate positioned on the projection, the first conductive plate having a first

continuous surface extending diametrically across the first conductive plate, the second

conductive plate having a second continuous surface extending diametrically across the

second conductive plate, the first conductive plate positioned in the recess and the second

conductive plate positioned on the projection so that the first continuous surface is positioned

substantially parallel to the second continuous surface when the projection is fitted in the

recess,

further wherein the second conductive plate is configured to wirelessly couple a signal

from one of the first and second components to the other of the first and second components.

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Previously Presented) An apparatus according to claim 22, wherein at least one

of the first and second components has a data provider to communicate data to the other of

the first and second components via the wireless coupling provided by the first and second

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couplers.

27. (Previously Presented) An apparatus according to claim 22, wherein at least one

of the first and second components has a signal supplier coupled to one of the first conductive

plate or the second conductive plate to supply a signal to be coupled to the other of the first

and second components via the wireless coupling and at least one of the first and second

components is arranged to communicate data to the other by modulating that signal.

28. (Previously Presented) An apparatus according to claim 22, wherein at least one

of the first and second components has a power deriver operable to derive a power supply for

that component from a signal coupled to that component from the other component via the

wireless coupling.

29. (Previously Presented) An apparatus according to claim 28, wherein the power

deriver comprises a rectifier.

30. (Previously Presented) An apparatus according to claim 28, wherein the power

deriver comprises a rectifier and a charge storer.

31. (Previously Presented) An apparatus according to claim 22, wherein the first

conductive plate and the second conductive plate provide at least one of a capacitive and an

inductive wireless coupling.

32. (Previously Presented) An apparatus according to claim 22, wherein the degree of

coupling between the first conductive plate and the second conductive plate varies with the

relative positions or orientations of the first and second components and a determiner is

provided to determine the degree of coupling to determine information relating to the relative

positions and/or orientations of the first and second components.

33. (Previously Presented) An apparatus according to claim 22, wherein the first and

second mechanical coupling elements define at least one of a rotatable and a slidable

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coupling.

34. (Previously Presented) An apparatus according to claim 22, wherein the first and

second mechanical coupling elements provide coaxial parts of a hinge.

35. (Previously Presented) An apparatus according to claim 22, wherein the first and

second mechanical coupling elements define a ball and socket arrangement.

36. (Previously Presented) An apparatus according to claim 22, wherein the first and

second mechanical coupling elements provide a sliding mechanical coupling allowing

relative sliding between the first and second components.

37. (Previously Presented) A apparatus according to claim 22, wherein the relative

positions and/orientations of the first and second components are fixed once the mechanical

coupling is made.

38. (Previously Presented) An apparatus according to claim 22, wherein the first and

second components are sub-systems or sub-assemblies.

39. (Previously Presented) An apparatus according to claim 22, wherein the second

component is a display device.

40. (Previously Presented) An apparatus according to claim 22, in the form of a

laptop, PDA, video display unit, video camera, or a GPS system.

41. (Cancelled)

42. (Previously Presented) A method of wirelessly coupling a signal in an apparatus

having first and second components having respective first and second mechanical coupling

elements that cooperate to allow relative movement of the first and second components, the

first mechanical coupling element comprising a recess formed therein and the second

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mechanical coupling element comprising a projection adapted to be movably fitted in the recess, the first mechanical coupling element comprising a first conductive plate positioned in the recess and the second mechanical coupling element comprising a second conductive plate positioned on the projection, the first conductive plate having a first continuous surface extending diametrically across the first conductive plate, the second conductive plate having a second continuous surface extending diametrically across the second conductive plate, the first conductive plate positioned in the recess and the second conductive plate positioned on the projection so that the first continuous surface is positioned substantially parallel to the second continuous surface when the projection is fitted in the recess,

the method comprising wirelessly coupling the signal from the first component to the second component via the first conductive plate and the second conductive plate comprised in the first and second components.

43. (Previously Presented) An apparatus comprising first and second components having respective first and second mechanical coupling elements that cooperate to allow relative movement of the first and second components, the first mechanical coupling element comprising a recess formed therein and the second mechanical coupling element comprising a projection adapted to be movably fitted in the recess,

wherein the first mechanical coupling element comprises signal coupling means having a first conductive device positioned in the recess and the second mechanical coupling element comprises signal coupling means having a second conductive device positioned on the projection,

wherein the first conductive device comprises a first conductive plate having a first continuous surface extending diametrically across the first conductive plate, the second conductive device comprises a second conductive plate having a second continuous surface extending diametrically across the second conductive plate, the first conductive plate positioned in the recess and the second conductive plate positioned on the projection so that the first continuous surface is positioned substantially parallel to the second continuous surface when the projection is fitted in the recess,

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and further wherein the signal coupling means is configured to wirelessly couple a signal from one of the first and second components to the other of the first and second components.